

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	119	qubit and coupling and frequency and transmission and line and node and energy and state and @ad<"20040223"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/27 15:22
L3	118	1 and "transmission line"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/27 14:12
L4	118	1 and "transmission line"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/27 14:11
L5	119	1 and wavelength	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/27 14:12
L6	9	1 and coplanar	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/27 14:15
L7	119	1 and quantum	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/27 14:19
L8	87	1 and characteristic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/27 15:18
L9	81697	quantum and @ad<"20040223"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/27 15:23
L10	403	9 and qubit	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/27 15:24

EAST Search History

L11	146	10 and "transmission line"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/27 15:55
L12	2	"20030086138"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/27 16:07
L13	2815	(706/46 or 706/45 or 706/14 or 359/108) and @ad<"20040223"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/27 16:08



Welcome United States Patent and Trademark Office

☐ AbstractPlus

[BROWSE](#) [SEARCH](#) [IEEE XPLORE GO](#)

◀ [View Search Results](#)

Access this document

Full Text: [PDF](#) (112 KB)

Download this citation

Choose

Download

» [Learn More](#)

[Rights and Permissions](#)

» [Learn More](#)

Controlled single-photon emission from a strongly coupled atom-cavity system

Kuhn, A. Hennrich, M. Legero, T. Rempe, G.
Max-Planck-Inst. für Quantenopt., Garching bei München,
This paper appears in: **[Quantum Electronics Conference Digest, 2000 International](#)**
Publication Date: 10-15 Sept. 2000
On page(s): 1 pp.
Number of Pages: xii+242
ISSN:
INSPEC Accession Number: 6770862
Digital Object Identifier: 10.1109/IQEC.2000.908067
Posted online: 2002-08-06 23:43:49.0

Abstract

Summary form only given. In quantum information processing, a single photon can be used as a superposition of atomic or ionic eigenstates, or as a single photon. A coupling between these different types of quantum states can be used to perform quantum operations or quantum transmissions, e.g., where single atoms or ions are entangled with individual photons. Such an entanglement in a controlled way, a triggered source of single photons, will be needed. Our scheme will lead to the generation of a single, predetermined mode of the radiation field in a controlled event. This photon is emitted from an atom strongly coupled to an optical cavity, and the trigger is a classical light pulse. The quantum state is transferred to the photon by an adiabatic transfer technique. We consider a single-level atom being placed inside an empty cavity.

Index Terms

Inspec

Controlled Indexing

[optical frequency conversion](#) [optical parametric devices](#) [resonators](#) [optical tuning](#) [quantum electrodynamics](#) [optics](#) [spontaneous emission](#)

Non-controlled Indexing

[adiabatic transfer technique](#) [atomic eigenstates](#) [classical light pulse](#) [controlled single-photon emission](#) [high-finesse optical cavity](#) [ionic eigenstates](#) [photons](#) [information processing](#) [quantum operations](#) [quantum state transfer](#) [qubit](#) [radiation field](#) [single lambda-type three-level system](#) [photons](#) [strongly coupled atom-cavity system](#) [triggered emission](#)

Author Keywords

Not Available

References

No references available on IEEE Xplore.

Citing Documents


[Home](#) | [Login](#) | [Logout](#) | [Access Information](#)

Welcome United States Patent and Trademark
Office

☐ Search Results

[BROWSE](#)
[SEARCH](#)
[IEEE XPLORE GUI](#)

Results for "(((quantum and electrodynamics)<in>metadata)) <and> (pyr >= 1913 <and> pyr <...)"

Your search matched **161** of **1527266** documents.

A maximum of **100** results are displayed, **100** to a page, sorted by **Relevance** in **Descending** order.

Modify Search

☐ Check to search only within this results set

Display
Format:

☒ Citation ☐ Citation & Abstract

» Search Options

[View Session History](#)

[New Search](#)

[view selected items](#)

[Select All](#) [Deselect All](#)

» Key

IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

- ☐ **1. Quantum communication and computation in quantum**
Kimble, H.J.; Buck, J.; Fuchs, C.; Furusawa, A.; Hood, C.; T.; Sorensen, J.; Turchette, Q.; Van Enk, S.; Vernooy, D.;
Quantum Electronics and Laser Science Conference, 1999
Summaries of Papers Presented at the
23-28 May 1999 Page(s):111
Digital Object Identifier 10.1109/QELS.1999.807377
AbstractPlus | Full Text: PDF(120 KB) **IEEE CNF**
Rights and Permissions
- ☐ **2. Quantum state protection using all-optical feedback**
Vitali, D.; Giovannetti, V.; Tombesi, P.;
Quantum Electronics and Laser Science Conference, 2000
Technical Digest
7-12 May 2000 Page(s):163 - 164
AbstractPlus | Full Text: PDF(188 KB) **IEEE CNF**
Rights and Permissions
- ☐ **3. Quantum electrodynamics of optical solitons for comr technologies**
Kozlov, V.V.;
Selected Topics in Quantum Electronics, IEEE Journal of
Volume 9, Issue 6, Nov.-Dec. 2003 Page(s):1468 - 1477
Digital Object Identifier 10.1109/JSTQE.2003.820920
AbstractPlus | References | Full Text: PDF(443 KB) **IEEE**
Rights and Permissions
- ☐ **4. Time evolution of the variance of the field amplitude in**
Smith, W.P.; Foster, G.T.; Reiner, J.E.; Orozco, L.A.; Carn
Quantum Electronics and Laser Science Conference, 2000
Technical Digest
7-12 May 2000 Page(s):136
AbstractPlus | Full Text: PDF(100 KB) **IEEE CNF**
Rights and Permissions

- ☐ **5. Control and information with conditional quantum me:**
Reiner, J.E.; Smith, W.P.; Orozco, L.A.;
Quantum Electronics and Laser Science Conference, 2002
Technical Digest. Summaries of Papers Presented at the
2002 Page(s):5
Digital Object Identifier 10.1109/QELS.2002.1031009
[AbstractPlus](#) | Full Text: [PDF](#)(287 KB) **IEEE CNF**
[Rights and Permissions](#)

- ☐ **6. Ponderomotive optical lattices: a method for trapping**
Guest, J.R.; Dutta, S.K.; Feldbaum, D.; Walz-Flannigan, A
Quantum Electronics and Laser Science Conference, 2001
Technical Digest. Summaries of Papers Presented at the
2001 Page(s):200 - 201
Digital Object Identifier 10.1109/QELS.2001.962065
[AbstractPlus](#) | Full Text: [PDF](#)(200 KB) **IEEE CNF**
[Rights and Permissions](#)

- ☐ **7. Exploring entanglement, decoherence and the quantu**
boundary
Haroche, S.;
Lasers and Electro-Optics Europe, 2000. Conference Dige
on
10-15 Sept 2000 Page(s):1 pp.
Digital Object Identifier 10.1109/CLEOE.2000.909742
[AbstractPlus](#) | Full Text: [PDF](#)(80 KB) **IEEE CNF**
[Rights and Permissions](#)

- ☐ **8. Free energy by space quanta manipulation (RQM)**
Gibas, P.A.; Greilinger, F.; Lehner, J.-M.; Rusterholz, W.;
Energy Conversion Engineering Conference, 1997. IECEC
the 32nd Intersociety
27 July-1 Aug. 1997 Page(s):1287 - 1292 vol.2
Digital Object Identifier 10.1109/IECEC.1997.661954
[AbstractPlus](#) | Full Text: [PDF](#)(936 KB) **IEEE CNF**
[Rights and Permissions](#)

- ☐ **9. Quantum manipulation and measurement of single atc**
QED
Jun Ye; Hood, C.J.; Lynn, T.; Mabuchi, H.; Vernooy, D.W.;
Precision Electromagnetic Measurements Digest, 1998 Cc
6-10 July 1998 Page(s):298
Digital Object Identifier 10.1109/CPEM.1998.699916
[AbstractPlus](#) | Full Text: [PDF](#)(56 KB) **IEEE CNF**
[Rights and Permissions](#)

- ☐ **10. Cold atom source for experiments in cavity quantum**
Ng, J.; Orozco, L.A.;
Quantum Electronics and Laser Science Conference, 199
Summaries of Papers Presented at the
2-7 June 1996 Page(s):188
Digital Object Identifier 10.1109/QELS.1996.865751
[AbstractPlus](#) | Full Text: [PDF](#)(136 KB) **IEEE CNF**
[Rights and Permissions](#)

- ☐ **11. Quantum electrodynamics of a communication chann**
Chiao She;
Information Theory, IEEE Transactions on
Volume 14, Issue 1, Jan 1968 Page(s):32 - 37

[AbstractPlus](#) | [Full Text: PDF\(992 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)

- ☐ **12. Using quantum feedback to preserve the vacuum Rabi cavity QED**
Reiner, J.E.; Smith, W.P.; Wang, J.; Wiseman, H.M.; Oroz
[Quantum Electronics and Laser Science Conference, 2001 Technical Digest. Summaries of Papers Presented at the](#)
2001 Page(s):54 - 55
Digital Object Identifier 10.1109/QELS.2001.961844
[AbstractPlus](#) | [Full Text: PDF\(202 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)

- ☐ **13. Engineered entanglement of three systems in cavity QED electrodynamics**
Nogues, G.; Rauschenbeutel, A.; Osnaghi, S.; Bertet, P.; J.-M.; Haroche, S.;
[Quantum Electronics and Laser Science Conference, 2001 Technical Digest. Summaries of Papers Presented at the](#)
2001 Page(s):53 - 54
Digital Object Identifier 10.1109/QELS.2001.961842
[AbstractPlus](#) | [Full Text: PDF\(232 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)

- ☐ **14. Quantum aspects of beam physics**
Chen, P.;
[Particle Accelerator Conference, 1999. Proceedings of the](#)
Volume 1, 27 March-2 April 1999 Page(s):224 - 228 vol.1
Digital Object Identifier 10.1109/PAC.1999.795670
[AbstractPlus](#) | [Full Text: PDF\(436 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)

- ☐ **15. Spontaneous emission in planar quantum well micro-**
Zhao Hong-Dong; Shen Guang-Di; Gao Guo; Zhang Cun-
Chang-Hua; Lian Peng; Zhang Yi-Mo;
[Solid-State and Integrated Circuit Technology, 1998. Proc](#)
[International Conference on](#)
21-23 Oct. 1998 Page(s):653 - 656
Digital Object Identifier 10.1109/ICSICT.1998.785974
[AbstractPlus](#) | [Full Text: PDF\(124 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)

- ☐ **16. Relativistic particle trajectories from worldline path in**
Johnson, P.R.;
[Particle Accelerator Conference, 2001. PAC 2001. Proce](#)
Volume 3, 18-22 June 2001 Page(s):1781 - 1783 vol.3
Digital Object Identifier 10.1109/PAC.2001.987181
[AbstractPlus](#) | [Full Text: PDF\(272 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)

- ☐ **17. Limits of the photon model in cavity QED and quantum**
Dalton, B.J.; Brown, S.;
[Quantum Electronics Conference, 2000. Conference Dige](#)
10-15 Sept. 2000 Page(s):1 pp.
Digital Object Identifier 10.1109/IQEC.2000.908087
[AbstractPlus](#) | [Full Text: PDF\(104 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)

18. Controlled single-photon emission from a strongly co

- ☐ **system**
Kuhn, A.; Hennrich, M.; Legero, T.; Rempe, G.;
Quantum Electronics Conference, 2000. Conference Digest
10-15 Sept. 2000 Page(s):1 pp.
Digital Object Identifier 10.1109/IQEC.2000.908067
AbstractPlus | Full Text: PDF(112 KB) **IEEE CNF**
Rights and Permissions

- ☐ **19. Quantum state protection with quantum feedback scheme**
Vitali, D.; Zippilli, S.; Tombesi, P.; Raimond, J.-M.;
Physics and Control, 2003. Proceedings. 2003 International
Volume 3, 20-22 Aug. 2003 Page(s):840 - 845 vol.3
Digital Object Identifier 10.1109/PHYCON.2003.1237012
AbstractPlus | Full Text: PDF(495 KB) **IEEE CNF**
Rights and Permissions

- ☐ **20. Cavity QED using quantum dots**
Walmsley, I.A.;
Quantum Electronics and Laser Science Conference, 2001
Technical Digest. Summaries of Papers Presented at the
2001 Page(s):52
Digital Object Identifier 10.1109/QELS.2001.961840
AbstractPlus | Full Text: PDF(101 KB) **IEEE CNF**
Rights and Permissions

- ☐ **21. Deterministic entanglement between three quantum systems**
Rauschenbeutel, A.; Nogues, G.; Osnaghi, S.; Bertet, P.;
J.-M.; Haroche, S.;
Quantum Electronics Conference, 2000. Conference Digest
10-15 Sept. 2000 Page(s):1 pp.
Digital Object Identifier 10.1109/IQEC.2000.907753
AbstractPlus | Full Text: PDF(80 KB) **IEEE CNF**
Rights and Permissions

- ☐ **22. Simple, elegant technique for single isotope detection**
Bochinski, J.R.; Loftus, T.; Mossberg, T.W.;
Quantum Electronics and Laser Science Conference, 2000
Technical Digest
7-12 May 2000 Page(s):106 - 107
AbstractPlus | Full Text: PDF(168 KB) **IEEE CNF**
Rights and Permissions

- ☐ **23. Cavity QED for quantum logic, wavefunction synthesis and**
localization
Kimble, H.J.; Chapman, M.; Hood, C.J.; Lange, W.; Mabuchi,
Q.A.; Vernooy, D.;
Quantum Electronics and Laser Science Conference, 1996
Summaries of Papers Presented at the
2-7 June 1996 Page(s):224
Digital Object Identifier 10.1109/QELS.1996.865807
AbstractPlus | Full Text: PDF(128 KB) **IEEE CNF**
Rights and Permissions

- ☐ **24. A critical examination of the basis of macroscopic quantum**
approaches
Narayanan, V.; Kan, E.C.;
Computational Electronics, 2004. IWCE-10 2004. Abstracts
Workshop on
2004 Page(s):233 - 234

Digital Object Identifier 10.1109/IWCE.2004.1407412

[AbstractPlus](#) | Full Text: [PDF\(457 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)

- ☐ **25. Photons confined in 3D-microcavities doped with qua**
Woggon, U.; Artemyev, M.V.; Jaschinski, H.; Pack, A.; W
[Quantum Electronics and Laser Science Conference, 200](#)
[Technical Digest. Summaries of Papers Presented at the](#)
2001 Page(s):57 - 58
Digital Object Identifier 10.1109/QELS.2001.961848
[AbstractPlus](#) | Full Text: [PDF\(225 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)

- ☐ **26. Driving atoms into decoherence-free states**
Beige, A.; Braun, D.; Knight, P.L.;
[Quantum Electronics and Laser Science Conference, 200](#)
[Technical Digest](#)
7-12 May 2000 Page(s):164
[AbstractPlus](#) | Full Text: [PDF\(104 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)

- ☐ **27. Cavity quantum electrodynamics with the whispering quartz microspheres**
Vernooy, D.W.; Kimble, H.J.; Furusawa, A.; Ilchenko, V.S
[Lasers and Electro-Optics Society Annual Meeting, 1997.](#)
[Annual Meeting. Conference Proceedings., IEEE](#)
Volume 2, 10-13 Nov. 1997 Page(s):28 vol.2
Digital Object Identifier 10.1109/LEOS.1997.645164
[AbstractPlus](#) | Full Text: [PDF\(20 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)

- ☐ **28. On photon-assisted tunneling in quantum well structu**
Sweeny, M.; Xu, J.;
[Quantum Electronics, IEEE Journal of](#)
Volume 25, Issue 5, Part 1, May 1989 Page(s):885 - 88
Digital Object Identifier 10.1109/3.27976
[AbstractPlus](#) | Full Text: [PDF\(332 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)

- ☐ **29. Electrically injected photonic crystal edge emitting qu source**
Topolancik, J.; Pradhan, S.; Yu, P.-C.; Ghosh, S.; Bhattach
[Lasers and Electro-Optics Society, 2003. LEOS 2003. The](#)
[Meeting of the IEEE](#)
Volume 1, 27-28 Oct. 2003 Page(s):210 - 211 vol.1
Digital Object Identifier 10.1109/LEOS.2003.1251709
[AbstractPlus](#) | Full Text: [PDF\(258 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)

- ☐ **30. Deterministic cavity-QED with single ions**
Keller, M.; Lange, B.; Lange, W.; Walther, H.; Hayasaka, I
[Quantum Electronics Conference, 2003. EQEC '03. Euro](#)
22-27 June 2003 Page(s):390
[AbstractPlus](#) | Full Text: [PDF\(238 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)

- ☐ **31. Flow electrification by cavity quantum electrodynamik**
Prevenslik, T.V.;
[Electrical Insulation and Dielectric Phenomena, 2003. Anr](#)

Conference on
2003 Page(s):670 - 673
Digital Object Identifier 10.1109/CEIDP.2003.1254943
[AbstractPlus](#) | Full Text: [PDF\(343 KB\)](#) **IEEE CNF**
[Rights and Permissions](#)

- ☐ **32. Modification of Planck blackbody radiation by photon structures**
Dowling, J.P.;
[Quantum Electronics and Laser Science Conference, 2000 Technical Digest](#)
7-12 May 2000 Page(s):84
[AbstractPlus](#) | Full Text: [PDF\(84 KB\)](#) **IEEE CNF**
[Rights and Permissions](#)

- ☐ **33. Coupling semiconductor nanocrystals to high-Q silica cavity QED of quantum dots**
Wang, H.; Palinginis, P.; Fan, X.; Lacey, S.; Lonergan, M.
[Quantum Electronics and Laser Science Conference, 2000 Technical Digest](#)
7-12 May 2000 Page(s):99
[AbstractPlus](#) | Full Text: [PDF\(80 KB\)](#) **IEEE CNF**
[Rights and Permissions](#)

- ☐ **34. Finite detection window in photon coincidence spectra**
Sanders, B.C.; Horvath, L.; Wielinga, B.F.;
[Quantum Electronics Conference, 1998. IQEC 98. Technical Summaries of papers presented at the International](#)
3-8 May 1998 Page(s):121
Digital Object Identifier 10.1109/IQEC.1998.680258
[AbstractPlus](#) | Full Text: [PDF\(168 KB\)](#) **IEEE CNF**
[Rights and Permissions](#)

- ☐ **35. Toward cavity-QED strong coupling of a semiconductor an external optical micro-cavity**
Hannigan, J.; Guoqiang Cui; Loeckenhoff, R.; Foster, D.; Wang, H.; Raymer, M.G.; Holland, M.; Bhonghale, S.; Moss, S.; Gibbs, H.M.; Khitrova, G.;
[Quantum Electronics and Laser Science, 2003. QELS. Proceedings](#)
1-6 June 2003 Page(s):3 pp.
Digital Object Identifier 10.1109/QELS.2003.1276044
[AbstractPlus](#) | Full Text: [PDF\(332 KB\)](#) **IEEE CNF**
[Rights and Permissions](#)

- ☐ **36. A Hamiltonian for cavity decay**
Dutra, S.M.; Nienhuis, G.;
[Quantum Electronics Conference, 2000. Conference Digest](#)
10-15 Sept. 2000 Page(s):1 pp.
Digital Object Identifier 10.1109/IQEC.2000.908131
[AbstractPlus](#) | Full Text: [PDF\(80 KB\)](#) **IEEE CNF**
[Rights and Permissions](#)

- ☐ **37. Mechanisms for three-centre energy pooling in lanthanide**
Jenkins, R.D.; Andrews, D.L.;
[Quantum Electronics Conference, 2000. Conference Digest](#)
10-15 Sept. 2000 Page(s):1 pp.
Digital Object Identifier 10.1109/IQEC.2000.908111
[AbstractPlus](#) | Full Text: [PDF\(96 KB\)](#) **IEEE CNF**
[Rights and Permissions](#)

- ☐ **38. Cavity QED with trapped atoms**
Kimble, H.J.;
[Quantum Electronics Conference, 2000. Conference Digest 10-15 Sept. 2000](#) Page(s):1 pp.
Digital Object Identifier 10.1109/IQEC.2000.908129
[AbstractPlus](#) | Full Text: [PDF\(52 KB\)](#) **IEEE CNF**
[Rights and Permissions](#)

- ☐ **39. Coupling atomic excitation and surface modes in dielectric microcavities**
Failache, H.; Fischer, A.; Saltiel, S.; Gorza, M.-P.; Fichet, M.; Ducloy, M.;
[Quantum Electronics Conference, 2000. Conference Digest 10-15 Sept. 2000](#) Page(s):1 pp.
Digital Object Identifier 10.1109/IQEC.2000.907789
[AbstractPlus](#) | Full Text: [PDF\(96 KB\)](#) **IEEE CNF**
[Rights and Permissions](#)

- ☐ **40. Comparison of quantum and semiclassical radiation theory with application to the beam maser**
Jaynes, E.T.; Cummings, F.W.;
[Proceedings of the IEEE](#)
Volume 51, Issue 1, Jan. 1963 Page(s):89 - 109
[AbstractPlus](#) | Full Text: [PDF\(1596 KB\)](#) **IEEE JNL**
[Rights and Permissions](#)

- ☐ **41. Internal photon lines associated with the density matrix of a quantum system**
Gustafson, T.K.;
[Quantum Electronics, IEEE Journal of](#)
Volume 25, Issue 10, Oct. 1989 Page(s):2179 - 2204
Digital Object Identifier 10.1109/3.35733
[AbstractPlus](#) | Full Text: [PDF\(2108 KB\)](#) **IEEE JNL**
[Rights and Permissions](#)

- ☐ **42. Cavity QED with an optical lattice; towards quantum frequency standards**
Terraciano, M.L.; Smith, W.P.; Orozco, L.A.;
[Quantum Electronics and Laser Science, 2003. QELS. Proceedings of the](#)
1-6 June 2003 Page(s):2 pp.
Digital Object Identifier 10.1109/QELS.2003.1276161
[AbstractPlus](#) | Full Text: [PDF\(214 KB\)](#) **IEEE CNF**
[Rights and Permissions](#)

- ☐ **43. Coupling of a near-field probe to whispering gallery mode microsphere**
Benson, O.; Gotzinger, S.; Sandoghdar, V.;
[Quantum Electronics Conference, 2000. Conference Digest 10-15 Sept. 2000](#) Page(s):1 pp.
Digital Object Identifier 10.1109/IQEC.2000.908069
[AbstractPlus](#) | Full Text: [PDF\(92 KB\)](#) **IEEE CNF**
[Rights and Permissions](#)

- ☐ **44. Ultracold hydrogen. From BEC to QED**
Kleppner, D.;
[Lasers and Electro-Optics, 2000. \(CLEO 2000\). Conference Digest 7-12 May 2000](#) Page(s):137
Digital Object Identifier 10.1109/CLEO.2000.906825
[AbstractPlus](#) | Full Text: [PDF\(176 KB\)](#) **IEEE CNF**
[Rights and Permissions](#)

- ☐ **45. Reconstruction of quantum entanglement in cavity QI**
Myung Shik Kim;
Lasers and Electro-Optics, 1999. CLEO/Pacific Rim '99. T
Conference on
Volume 1, 30 Aug.-3 Sept. 1999 Page(s):53 vol.1
Digital Object Identifier 10.1109/CLEOPR.1999.811619
AbstractPlus | Full Text: PDF(32 KB) IEEE CNF
Rights and Permissions

- ☐ **46. 1/f noise universality in high-technology applications**
Handel, P.H.;
Frequency Control Symposium, 1994. 48th., Proceedings
International
1-3 June 1994 Page(s):8 - 21
Digital Object Identifier 10.1109/FREQ.1994.398360
AbstractPlus | Full Text: PDF(1096 KB) IEEE CNF
Rights and Permissions

- ☐ **47. A further look at waveguide lasers**
Giudice, E.D.; Mele, R.; Preparata, G.; Sanvito, S.; Fontar
Quantum Electronics, IEEE Journal of
Volume 34, Issue 12, Dec. 1998 Page(s):2403 - 2408
Digital Object Identifier 10.1109/3.736116
AbstractPlus | References | Full Text: PDF(224 KB) IEE
Rights and Permissions

- ☐ **48. Resonant scattering of a photon by an electron in the**
Voroshilo, A.I.; Roshchupkin, S.P.; Denisenko, O.I.;
Laser and Fiber-Optical Networks Modeling, 2004. Proce
2004. 6th International Conference on
6-9 Sept. 2004 Page(s):272 - 274
AbstractPlus | Full Text: PDF(507 KB) IEEE CNF
Rights and Permissions

- ☐ **49. Thermal effects in cavity quantum electrodynamics: th**
of atom-surface interaction
Gorza, M.-P.; Hamdi, I.; Segundo, P.; Bloch, D.; Ducloy, M
Quantum Electronics Conference, 2003. EQEC '03. Euro
22-27 June 2003 Page(s):358
AbstractPlus | Full Text: PDF(233 KB) IEEE CNF
Rights and Permissions

- ☐ **50. Cavity-QED atoms and photons on demand**
Rempe, G.;
Quantum Electronics and Laser Science, 2003. QELS. Pc
1-6 June 2003 Page(s):1 pp.
Digital Object Identifier 10.1109/QELS.2003.1276043
AbstractPlus | Full Text: PDF(202 KB) IEEE CNF
Rights and Permissions

- ☐ **51. Leaky modes approach to quantum effects in photon**
Orlowski, A.; Rusek, M.;
Transparent Optical Networks, 2003. Proceedings of 2003
Conference on
Volume 1, 29 June-3 July 2003 Page(s):348 vol.1
Digital Object Identifier 10.1109/ICTON.2003.1264652
AbstractPlus | Full Text: PDF(142 KB) IEEE CNF
Rights and Permissions

- ☐ **52. Weak values, quantum trajectories, and the Stony-Brook experiment**
Wiseman, H.M.;
Quantum Electronics and Laser Science Conference, 2002 Technical Digest. Summaries of Papers Presented at the
2002 Page(s):7
Digital Object Identifier 10.1109/QELS.2002.1031013
AbstractPlus | Full Text: PDF(214 KB) **IEEE CNF**
Rights and Permissions

- ☐ **53. Quantum electrodynamics treatment of optical high order generation**
Gao, J.;
Advanced Semiconductor Lasers and Applications/Ultraviolet and Their Applications/Ultralong Haul DWDM Transmissio
Networking/WDM Components, 2001 Digest of the LEOS
Meetings
30 July-1 Aug. 2001 Page(s):2 pp.
Digital Object Identifier 10.1109/LEOSST.2001.941912
AbstractPlus | Full Text: PDF(100 KB) **IEEE CNF**
Rights and Permissions

- ☐ **54. Atomic wave packet dynamics in a standing wave qu**
Young-Tak Chough; Hyunchul Nha; Kyungwon An;
Lasers and Electro-Optics, 2001. CLEO/Pacific Rim 2001
Conference on
Volume 2, 15-19 July 2001 Page(s):II-632 - II-633 vol.2
Digital Object Identifier 10.1109/CLEOPR.2001.971118
AbstractPlus | Full Text: PDF(124 KB) **IEEE CNF**
Rights and Permissions

- ☐ **55. Cavity-QED experiments on InAs quantum boxes in microdisks**
Gavral, B.; Gerard, J.M.;
Lasers and Electro-Optics Society 1999 12th Annual Meet
Volume 2, 8-11 Nov. 1999 Page(s):554 - 555 vol.2
Digital Object Identifier 10.1109/LEOS.1999.811847
AbstractPlus | Full Text: PDF(112 KB) **IEEE CNF**
Rights and Permissions

- ☐ **56. Influence of atomic initial conditions on a cavity QED**
Gea-Banacloche, J.; Burt, T.;
Quantum Electronics and Laser Science Conference, 199
Summaries of Papers Presented at the
2-7 June 1996 Page(s):189 - 190
Digital Object Identifier 10.1109/QELS.1996.865753
AbstractPlus | Full Text: PDF(236 KB) **IEEE CNF**
Rights and Permissions

- ☐ **57. Nonlinear quantum electrodynamics in the focus of a laser**
Boege, S.; Bamber, L.C.; Blalock, T.; Kelly, J.; Kotseroglo
L.A.; Meyerhofer, L.D.; Ragg, W.; Shoup, L.M., III;
Lasers and Electro-Optics Society Annual Meeting, 1995.
Conference Proceedings, Volume 1., IEEE
Volume 2, 30-31 Oct. 1995 Page(s):178 - 179 vol.2
Digital Object Identifier 10.1109/LEOS.1995.484654
AbstractPlus | Full Text: PDF(180 KB) **IEEE CNF**
Rights and Permissions

- ☐ **58. The smallest possible whispering-gallery-like mode in photonic-crystal slab single-defect cavity**
Han-Youl Ryu; Jeong-Ki Hwang; Yong-Hee Lee;
Quantum Electronics, IEEE Journal of
Volume 39, Issue 2, Feb. 2003 Page(s):314 - 322
Digital Object Identifier 10.1109/JQE.2002.807179
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(549 KB\)](#) [IEEE Rights and Permissions](#)

- ☐ **59. Physical interpretation of operator dynamics in the Jaynes-Cummings model**
Bandilla, A.; Ritze, H.-H.;
Quantum Electronics, IEEE Journal of
Volume 24, Issue 7, July 1988 Page(s):1338 - 1345
Digital Object Identifier 10.1109/3.972
[AbstractPlus](#) | Full Text: [PDF\(516 KB\)](#) [IEEE JNL Rights and Permissions](#)

- ☐ **60. 2+1-dimensional electrodynamics and small particles**
Baldomir, D.; Blanco, M.C.; Lopez-Quintela, M.A.; Rivas, J.;
Magnetics, IEEE Transactions on
Volume 30, Issue 2, Part 1-2, Mar 1994 Page(s):735 - 737
Digital Object Identifier 10.1109/20.312392
[AbstractPlus](#) | Full Text: [PDF\(172 KB\)](#) [IEEE JNL Rights and Permissions](#)

- ☐ **61. Spectroscopy of the 1S-2S energy splitting in muonium**
Schwarz, W.; Baird, P.E.G.; Barr, J.R.M.; Berkeland, D.; Beyer, R.; Eaton, G.H.; Ferguson, A.I.; Geerds, H.; Hughes, V.W.; Maas, F.; Matthias, B.E.; Matousek, P.; Persaud, M.A.; Phillips, I.; Riis, E.; Sanders, P.G.H.; Toner, W.T.; Towrie, M.; Williams, K.A.; Woodman, K.A.; Zhang, L.;
Instrumentation and Measurement, IEEE Transactions on
Volume 44, Issue 2, Apr 1995 Page(s):505 - 509
Digital Object Identifier 10.1109/19.377893
[AbstractPlus](#) | Full Text: [PDF\(372 KB\)](#) [IEEE JNL Rights and Permissions](#)

- ☐ **62. Improved determination of the fine structure constant using electron g-2 and muonium hyperfine structure**
Kinoshita, T.;
Instrumentation and Measurement, IEEE Transactions on
Volume 44, Issue 2, Apr 1995 Page(s):498 - 500
Digital Object Identifier 10.1109/19.377891
[AbstractPlus](#) | Full Text: [PDF\(272 KB\)](#) [IEEE JNL Rights and Permissions](#)

- ☐ **63. Quantum manipulation and measurement of single atoms in a cavity QED**
Jun Ye; Hood, C.J.; Lynn, T.; Mabuchi, H.; Vernooij, D.W.;
Instrumentation and Measurement, IEEE Transactions on
Volume 48, Issue 2, April 1999 Page(s):608 - 612
Digital Object Identifier 10.1109/19.769669
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(168 KB\)](#) [IEEE Rights and Permissions](#)

- ☐ **64. Cavity quantum electrodynamics with quantum interference level atomic system.**

Joshi, A.; Min Xiao;
Quantum Electronics Conference, 2004. (IQEC). Internati
2004 Page(s):205 - 206
AbstractPlus | Full Text: PDF(214 KB) IEEE CNF
Rights and Permissions

- ☐ **65. High energy astrophysics with ultra-intense lasers**
Takabe, H.;
Lasers and Electro-Optics, 2002. CLEO '02. Technical Dig
Papers Presented at the
2002 Page(s):185 vol.1
Digital Object Identifier 10.1109/CLEO.2002.1033598
AbstractPlus | Full Text: PDF(250 KB) IEEE CNF
Rights and Permissions

- ☐ **66. Electron bubbles and light**
Prevenslik, T.V.;
Dielectric Liquids, 2002. ICDL 2002. Proceedings of 2002
International Conference on
7-12 July 2002 Page(s):29 - 32
Digital Object Identifier 10.1109/ICDL.2002.1022686
AbstractPlus | Full Text: PDF(368 KB) IEEE CNF
Rights and Permissions

- ☐ **67. Cluster computing vs. Cray T3E-a case study from nu**
Arnold, G.; Eicker, N.; Lippert, T.; Schilling, K.;
Parallel and Distributed Processing, 2001. Proceedings. N
Workshop on
7-9 Feb. 2001 Page(s):475 - 479
Digital Object Identifier 10.1109/EMPDP.2001.905077
AbstractPlus | Full Text: PDF(284 KB) IEEE CNF
Rights and Permissions

- ☐ **68. Cavity-QED using a single InAs quantum dot and a hi**
gallery mode
Michler, P.; Kiraz, A.; Becher, C.; Lidong Zhang; Hu, E.; S.
Petroff, P.M.; Imamoglu, A.;
Quantum Electronics and Laser Science Conference, 200
Technical Digest. Summaries of Papers Presented at the
2001 Page(s):55 - 56
Digital Object Identifier 10.1109/QELS.2001.961845
AbstractPlus | Full Text: PDF(123 KB) IEEE CNF
Rights and Permissions

- ☐ **69. The propagation of quantum relativistic wavepackets**
fields
Johnson, P.R.; Dragt, A.J.;
Particle Accelerator Conference, 2001. PAC 2001. Procee
Volume 3, 18-22 June 2001 Page(s):1778 - 1780 vol.3
Digital Object Identifier 10.1109/PAC.2001.987180
AbstractPlus | Full Text: PDF(247 KB) IEEE CNF
Rights and Permissions

- ☐ **70. Spontaneous emission from active dielectric microstr**
Sondergaard, T.; Tromborg, B.;
Quantum Electronics Conference, 2000. Conference Dige
10-15 Sept. 2000 Page(s):1 pp.
Digital Object Identifier 10.1109/IQEC.2000.908170
AbstractPlus | Full Text: PDF(104 KB) IEEE CNF

Rights and Permissions

- ☐ **71. Observation of exciton-polariton ladder in semicondu**
Cao, H.; Pau, S.; Yamamoto, Y.;
Quantum Electronics and Laser Science Conference, 199
Summaries of Papers Presented at the
2-7 June 1996 Page(s):33 - 34
Digital Object Identifier 10.1109/QELS.1996.865536
AbstractPlus | Full Text: PDF(216 KB) **IEEE CNF**
Rights and Permissions

- ☐ **72. Trapping photons in microspheres for cavity QED exp**
Haroche, S.;
Quantum Electronics and Laser Science Conference, 199
Summaries of Papers Presented at the
2-7 June 1996 Page(s):32
Digital Object Identifier 10.1109/QELS.1996.865534
AbstractPlus | Full Text: PDF(108 KB) **IEEE CNF**
Rights and Permissions

- ☐ **73. Improved determination of fine structure constant bas**
g-2 and muonium hyperfine structure
Kinoshita, T.;
Precision Electromagnetic Measurements, 1994. Digest.,
27 June-1 July 1994 Page(s):244
Digital Object Identifier 10.1109/CPEM.1994.333238
AbstractPlus | Full Text: PDF(72 KB) **IEEE CNF**
Rights and Permissions

- ☐ **74. Quantum electrodynamics**
Haller, K.;
Quantum Electronics, IEEE Journal of
Volume 15, Issue 2, Feb 1979 Page(s):119 - 119
AbstractPlus | Full Text: PDF(144 KB) **IEEE JNL**
Rights and Permissions

- ☐ **75. Nanofabrication of 1-D photonic bandgap structures a**
wire
Zhang, J.P.; Chu, D.Y.; Wu, S.L.; Bi, W.G.; Tiberio, R.C.;
Taflove, A.; Tu, C.W.; Ho, S.T.;
Photonics Technology Letters, IEEE
Volume 8, Issue 4, April 1996 Page(s):491 - 493
Digital Object Identifier 10.1109/68.491093
AbstractPlus | References | Full Text: PDF(392 KB) **IEE**
Rights and Permissions

- ☐ **76. The structure of the electromagnetic field as derived f**
Gronwald, F.; Nitsch, J.;
Antennas and Propagation Magazine, IEEE
Volume 43, Issue 4, Aug 2001 Page(s):64 - 79
Digital Object Identifier 10.1109/MAP.2001.951560
AbstractPlus | Full Text: PDF(1304 KB) **IEEE JNL**
Rights and Permissions

- ☐ **77. An electromagnetic model for charged particle with s**
Chernitskii, A.A.;
Physics and Control, 2003. Proceedings. 2003 Internation
Volume 1, 20-22 Aug. 2003 Page(s):232 - 235 vol.1
AbstractPlus | Full Text: PDF(291 KB) **IEEE CNF**

[Rights and Permissions](#)

- ☐ **78. Probing radiative recombination in semiconductor na cavity QED**
Xudong Fan; Hailin Wang; Lonergan, M.;
[Quantum Electronics and Laser Science Conference, 200 Technical Digest](#)
7-12 May 2000 Page(s):58
[AbstractPlus](#) | [Full Text: PDF\(92 KB\)](#) **IEEE CNF**
[Rights and Permissions](#)

- ☐ **79. Time evolution and squeezing of the field amplitude in**
Reiner, J.E.; Smith, W.P.; Foster, G.T.; Orozco, L.A.; Carr
P.R.;
[Quantum Electronics and Laser Science Conference, 200 Technical Digest](#)
7-12 May 2000 Page(s):68
[AbstractPlus](#) | [Full Text: PDF\(92 KB\)](#) **IEEE CNF**
[Rights and Permissions](#)

- ☐ **80. Quantization of the electromagnetic field in linear Kra dielectrics**
Scheel, S.; Knoll, L.; Welsch, D.-G.;
[Lasers and Electro-Optics, 1999. CLEO/Pacific Rim '99. I Conference on](#)
Volume 3, 30 Aug.-3 Sept. 1999 Page(s):886 - 887 vol.3
Digital Object Identifier 10.1109/CLEOPR.1999.817884
[AbstractPlus](#) | [Full Text: PDF\(136 KB\)](#) **IEEE CNF**
[Rights and Permissions](#)

- ☐ **81. Quantum chaos in the 3D electrodynamic systems of range**
Ganapolskii, E.M.;
[Physics and Engineering of Millimeter and Submillimeter '98. Third International Kharkov Symposium](#)
Volume 1, 15-17 Sept. 1998 Page(s):218 - 220 vol.1
Digital Object Identifier 10.1109/MSMW.1998.758960
[AbstractPlus](#) | [Full Text: PDF\(216 KB\)](#) **IEEE CNF**
[Rights and Permissions](#)

- ☐ **82. In-plane electron dynamics and hot electron effects in cascade laser**
Tadic, M.; Slivken, S.; Jelen, C.; Razeghi, M.;
[Microelectronics, 1997. Proceedings., 1997 21st Internatio](#)
Volume 1, 14-17 Sept. 1997 Page(s):319 - 322 vol.1
Digital Object Identifier 10.1109/ICMEL.1997.625259
[AbstractPlus](#) | [Full Text: PDF\(376 KB\)](#) **IEEE CNF**
[Rights and Permissions](#)

- ☐ **83. The successes of quantum electrodynamics**
Brodsky, S.;
[Quantum Electronics, IEEE Journal of](#)
Volume 10, Issue 9, Sep 1974 Page(s):717 - 717
[AbstractPlus](#) | [Full Text: PDF\(160 KB\)](#) **IEEE JNL**
[Rights and Permissions](#)

- ☐ **84. Carrier dynamics studies through free-carrier absorpt study for silicon**
Hongtao Jiang; Hinckley, J.M.; Singh, J.;

[Quantum Electronics, IEEE Journal of](#)
Volume 33, Issue 10, Oct. 1997 Page(s):1779 - 1783
Digital Object Identifier 10.1109/3.631283

[AbstractPlus](#) | [References](#) | [Full Text: PDF\(128 KB\)](#) [IEEE Rights and Permissions](#)

- ☐ **85. Practice and photon transport in plasmas**
Osborn, R.;
[Antennas and Propagation, IEEE Transactions on](#) [Legacy](#)
Volume 10, Issue 1, Jan 1962 Page(s):8 - 14
[AbstractPlus](#) | [Full Text: PDF\(664 KB\)](#) [IEEE JNL Rights and Permissions](#)

- ☐ **86. Numerical evaluation of the Lamb shift in hydrogen**
Jentschura, U.D.; Mohr, P.J.; Soff, G.;
[Instrumentation and Measurement, IEEE Transactions on](#)
Volume 48, Issue 2, April 1999 Page(s):186 - 188
Digital Object Identifier 10.1109/19.769559
[AbstractPlus](#) | [References](#) | [Full Text: PDF\(84 KB\)](#) [IEEE Rights and Permissions](#)

- ☐ **87. Resonance scattering of a photon by an electron and radiation of two photons by an electron in the strong**
Fomin, P.I.; Kholodov, R.I.;
[Laser and Fiber-Optical Networks Modeling, 2004. Proceeding of the 2004. 6th International Conference on](#)
6-9 Sept. 2004 Page(s):134 - 136
Digital Object Identifier 10.1109/LFNM.2004.1382444
[AbstractPlus](#) | [Full Text: PDF\(523 KB\)](#) [IEEE CNF Rights and Permissions](#)

- ☐ **88. Exact calculation of local density of states in three-dimensional crystals**
Gu, B.-Y.; Rongzhou Wang; Xue-Hua Wang;
[Lasers and Electro-Optics, 2003. CLEO/Pacific Rim 2003 Conference on](#)
Volume 2, 15-19 Dec. 2003 Page(s):604 vol.2
Digital Object Identifier 10.1109/CLEOPR.2003.1277151
[AbstractPlus](#) | [Full Text: PDF\(184 KB\)](#) [IEEE CNF Rights and Permissions](#)

- ☐ **89. Squeezing by damping in a driven coupled-oscillator**
Hyunchul Nha; Jai-Hyung Lee; Kyungwon An;
[Lasers and Electro-Optics, 2001. CLEO/Pacific Rim 2001 Conference on](#)
Volume 2, 15-19 July 2001 Page(s):II-132 - II-133 vol.2
Digital Object Identifier 10.1109/CLEOPR.2001.970844
[AbstractPlus](#) | [Full Text: PDF\(130 KB\)](#) [IEEE CNF Rights and Permissions](#)

- ☐ **90. A new theoretical approach to high order harmonic generation**
Gao, J.; Shen, F.; Eden, J.G.;
[Lasers and Electro-Optics Society Annual Meeting, 1998. LEOS '98](#)
Volume 1, 1-4 Dec. 1998 Page(s):48 - 49 vol.1
Digital Object Identifier 10.1109/LEOS.1998.737726
[AbstractPlus](#) | [Full Text: PDF\(112 KB\)](#) [IEEE CNF Rights and Permissions](#)

91. Precise laser spectroscopy of hydrogen and singly-ionized

- ☐ [Berkeland, D.J.; Hinds, E.A.; Boshier, M.G.; Precision Electromagnetic Measurements Digest, 1996 C. 17-21 June 1996 Page\(s\):172 - 173 Digital Object Identifier 10.1109/CPEM.1996.546757 AbstractPlus | Full Text: PDF\(216 KB\) IEEE CNF Rights and Permissions](#)

- ☐ **92. Quantized Hall resistance measurements**
[Kawaji, S.; Nagashima, N.; Kikuchi, N.; Wakabayashi, J.; Yoshihiro, K.; Kinoshita, J.; Inagaki, K.; Yamanouchi, C.; Instrumentation and Measurement, IEEE Transactions on Volume 38, Issue 2, Apr 1989 Page\(s\):270 - 275 Digital Object Identifier 10.1109/19.192286 AbstractPlus | Full Text: PDF\(556 KB\) IEEE JNL Rights and Permissions](#)

- ☐ **93. Ultrashort pulse lossless propagation through a dege medium in nonlinear optical waveguides and semicon microcavities**
[Slavcheva, G.; Arnold, J.M.; Ziolkowski, R.W.; Selected Topics in Quantum Electronics, IEEE Journal of Volume 9, Issue 3, May-June 2003 Page\(s\):929 - 938 Digital Object Identifier 10.1109/JSTQE.2003.818844 AbstractPlus | References | Full Text: PDF\(1017 KB\) IEI Rights and Permissions](#)

- ☐ **94. Two-photon pair annihilation in the wave field**
[Denisenko, O.I.; Roshchupkin, S.P.; Voroshilo, A.I.; Laser and Fiber-Optical Networks Modeling, 2004. Procees 2004. 6th International Conference on 6-9 Sept. 2004 Page\(s\):278 - 280 AbstractPlus | Full Text: PDF\(513 KB\) IEEE CNF Rights and Permissions](#)

- ☐ **95. Measurements of the Wigner distribution of non-class QED**
[Brune, M.; Quantum Electronics and Laser Science, 2003. QELS. Pc 1-6 June 2003 Page\(s\):2 pp. Digital Object Identifier 10.1109/QELS.2003.1276214 AbstractPlus | Full Text: PDF\(208 KB\) IEEE CNF Rights and Permissions](#)

- ☐ **96. Cavity QED with a continuous cold atom Rb source**
[Reiner, J.E.; Dimler, F.M.; Orozco, L.A.; Quantum Electronics and Laser Science, 2003. QELS. Pc 1-6 June 2003 Page\(s\):2 pp. Digital Object Identifier 10.1109/QELS.2003.1276160 AbstractPlus | Full Text: PDF\(218 KB\) IEEE CNF Rights and Permissions](#)

- ☐ **97. Multiple thresholds and many-atom dynamics in the c microlaser**
[Fang-Yen, C.; Yu, C.C.; Aljalal, A.; Dasari, R.R.; Feld, M.; Quantum Electronics and Laser Science Conference, 200 Technical Digest. Summaries of Papers Presented at the 2002 Page\(s\):6 - 7 Digital Object Identifier 10.1109/QELS.2002.1031011 AbstractPlus | Full Text: PDF\(288 KB\) IEEE CNF](#)

Rights and Permissions

- ☐ **98. Cavity-QED with a single $^{40}\text{Ca}^{+}$ -ion**
Guthohrlein, G.R.; Keller, M.; Lange, W.; Walther, H.; Hay
Quantum Electronics and Laser Science Conference, 2001
Technical Digest. Summaries of Papers Presented at the
2001 Page(s):54
Digital Object Identifier 10.1109/QELS.2001.961843
AbstractPlus | Full Text: [PDF\(115 KB\)](#) **IEEE CNF**
[Rights and Permissions](#)

- ☐ **99. Dynamics of the conditional electromagnetic field in c**
Smith, W.P.; Reiner, J.E.; Orozco, L.A.;
Quantum Electronics and Laser Science Conference, 2001
Technical Digest. Summaries of Papers Presented at the
2001 Page(s):53
Digital Object Identifier 10.1109/QELS.2001.961841
AbstractPlus | Full Text: [PDF\(118 KB\)](#) **IEEE CNF**
[Rights and Permissions](#)

- ☐ **100. A Dirac-like inference of Maxwell's equations**
Sterc, D.; Sipus, Z.;
Antennas and Propagation Society International Symposi
Volume 1, 8-13 July 2001 Page(s):400 - 403 vol.1
Digital Object Identifier 10.1109/APS.2001.958876
AbstractPlus | Full Text: [PDF\(192 KB\)](#) **IEEE CNF**
[Rights and Permissions](#)

[Help](#)Indexed by
 Inspec

© Copyright


[Home](#) | [Login](#) | [Logout](#) | [Access Information](#)

Welcome United States Patent and Trademark Office

Search Results

[BROWSE](#)
[SEARCH](#)
[IEEE XPLORE GUI](#)

Results for "(((quantum and transmission and node)<in>metadata)) <and> (pyr >= 1913 <and> py..."

Your search matched 7 of 1527266 documents.

A maximum of 100 results are displayed, 100 to a page, sorted by Relevance in Descending order.

» Search Options

[View Session History](#)
[New Search](#)

Modify Search

(((quantum and transmission and node)<in>metadata)) <and> (pyr >= 19

☐ Check to search only within this results set

Display Format:

☒ Citation ☐ Citation & Abstract

[view selected items](#)

[Select All](#) [Deselect All](#)

» Key

IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

- ☐ 1. **Quantum cryptographic key distribution in multiple-ac**
Faraj, S.T.; Al-Naima, F.; Ameen, S.Y.;
Communication Technology Proceedings, 2000. WCC - IC International Conference on
Volume 1, 21-25 Aug. 2000 Page(s):42 - 49 vol.1
Digital Object Identifier 10.1109/ICCT.2000.889166
[AbstractPlus](#) | Full Text: [PDF](#)(536 KB) **IEEE CNF**
[Rights and Permissions](#)
- ☐ 2. **Logic self-electrooptic effect devices: quantum-well o**
multiport logic gates, multiplexers, demultiplexers, an
Lentine, A.L.; Tooley, F.A.P.; Walker, S.L.; McCormick, F.I.
R.L.; Chirovsky, L.M.F.; Focht, M.W.; Freund, J.M.; Guth, R.E.; Przybylek, G.J.; Smith, L.E.; D'Asaro, L.A.; Miller, D.
Quantum Electronics, IEEE Journal of
Volume 28, Issue 6, June 1992 Page(s):1539 - 1553
Digital Object Identifier 10.1109/3.135308
[AbstractPlus](#) | Full Text: [PDF](#)(1972 KB) **IEEE JNL**
[Rights and Permissions](#)
- ☐ 3. **Multimedia communication and its impact on photonic**
Sato, K.;
Vertical-Cavity Lasers, Technologies for a Global Informat
WDM Components Technology, Advanced Semiconductor
Nitride Materials, Processing, ..., 1997 Digest of the IEEE/
Topical Meetings
11-15 Aug. 1997 Page(s):5 - 6
Digital Object Identifier 10.1109/LEOSST.1997.619118
[AbstractPlus](#) | Full Text: [PDF](#)(176 KB) **IEEE CNF**
[Rights and Permissions](#)
- ☐ 4. **Proceedings 27th European Conference on Optical Co**
No.01TH8551)
Optical Communication, 2001. ECOC '01. 27th European
Volume 5, 30 Sept.-4 Oct. 2001

Digital Object Identifier 10.1109/ECOC.2001.989008

[AbstractPlus](#) | Full Text: [PDF](#)(1395 KB) [IEEE CNF](#)
[Rights and Permissions](#)

- ☐ **5. Photonic transport network OAM technologies**
Sato, K.-I.;
[Communications Magazine, IEEE](#)
Volume 34, Issue 12, Dec. 1996 Page(s):86 - 94
Digital Object Identifier 10.1109/35.556491
[AbstractPlus](#) | Full Text: [PDF](#)(7028 KB) [IEEE JNL](#)
[Rights and Permissions](#)
- ☐ **6. A cell-based design approach for RSFQ circuits based diagram**
Koshiyama, J.; Yoshikawa, N.;
[Applied Superconductivity, IEEE Transactions on](#)
Volume 11, Issue 1, Part 1, March 2001 Page(s):263 - 268
Digital Object Identifier 10.1109/77.919334
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(408 KB) [IEEE](#)
[Rights and Permissions](#)
- ☐ **7. Picosecond optical sampling of GaAs integrated circuits**
Weingarten, K.J.; Rodwel, M.J.W.; Bloom, D.M.;
[Quantum Electronics, IEEE Journal of](#)
Volume 24, Issue 2, Feb. 1988 Page(s):198 - 220
Digital Object Identifier 10.1109/3.115
[AbstractPlus](#) | Full Text: [PDF](#)(2552 KB) [IEEE JNL](#)
[Rights and Permissions](#)

[Help](#)

Indexed by
 Inspec®

© Copyright

[Home](#) | [Login](#) | [Logout](#) | [Access Information](#)

Welcome United States Patent and Trademark Office

Search Results[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUI](#)

Results for "(((qubit and transmission and node)<in>metadata)) <and> (pyr >= 1913 <and> pyr ...

Your search matched **0** documents.A maximum of **100** results are displayed, **100** to a page, sorted by **Relevance** in **Descending** order.**» Search Options**[View Session History](#)[New Search](#)**Modify Search**☐ Check to search only within this results set**Display
Format:**☒ Citation ☐ Citation & Abstract**» Key****IEEE
JNL** IEEE Journal or
Magazine**IET
JNL** IET Journal or
Magazine**IEEE
CNF** IEEE Conference
Proceeding**IET
CNF** IET Conference
Proceeding**IEEE
STD** IEEE Standard**No results were found.**

Please edit your search criteria and try again. Refer to the Help page assistance revising your search.

[Help](#)Indexed by
 Inspec®

© Copyright